











## RoHS Compliant



## PX-823/ PX-812

### PCIe 1xRS232 POS 1A IDE

### "SFRIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### **Features**

- 1 port RS232
- PCI Express x1, x4, x8 & x16 lane slots socket
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 connector (9 Pin Male)
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)

#### **Options**



PCIe 1xRS232 POS 1A IDE

PX-812: LP PCIe 1xRS232 POS 1A IDF



#### Description

PCI Express Card providing one powered RS232 serial ports. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC. Up to 1 Amp selectable power provided through pins 1 and 9 to attached peripherals. The extra power necessary is supplied to the PCI express card directly from the PC power supply unit through a Parallel ATA (PATA - or IDE) power connector: a neat, clean and green solution. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008 and Windows 7.

PCI Express is the latest standard in PC connectivity.

#### Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows 7 32 bit & 64 bit Editions
- Windows Server 2008 32 bit & 64 bit Editions
- Windows Vista 32 bit & 64 bit editions
- Windows Server 2003 32 bit & 64 bit Editions

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.









64



















ORDER Description PCIe 1xRS232 POS 1A IDE LP PCIe 1xRS232 POS 1A IDE

Code PX-823 PX-812

PX-823/ PX-812



# PCle 1xRS232 POS 1A IDE

PX-823/ PX-812: Full Specification

PX-823/ PX-812: Full Specification		
Port	Ports	1 x RS232
Pin 1 DCD/12V/GND Powered RS232	Connector	DB9 Connector - 9 Pin Male
Pin 2         RXD         Pinout (9 Pin Male)           Pin 3         TXD         Pin 1         Pin 5	FIFO size	128 RX FIFO + 128 TX FIFO
Pin 4         DTR           Pin 5         GND	Operating Distance	EIA - RS232 Standard
Pin 7 RTS	Cable	No Cable; Integrated Connector
Pin 8         CTS           Pin 9         RI/12V/5V           Pin 6         Pin 9		
Port Settings	Baud Rate	921,600
921,600	Data Bits	5,6,7 or 8
<b>&gt; &gt; &gt;</b> >	Parity	Odd, Even, None, Mark or Space
baud	Stop Bits	1, 1.5 or 2
	Flow Control	RTS/CTS, DSR/DTR, XON/XOFF
	Tx/Rx Modes	Point to Point
Interface	OS Compatibility	Microsoft Windows 7 32 bit & 64 bit Editions
Pa I OCD INVONE Powered RS232		Windows Server 2008 32 bit & 64 bit Editions
Pi_2   EXXD		Windows Vista 32 bit & 64 bit Editions Windows Server 2003 32 bit & 64 bit Editions
Pau   (475		Windows XP 32 bit & 64 bit Editions
	BUS	PCI Express x1, x4, x8 & x16 lane slots
Approvals	Other Approvals	AEO (C-TPAT) Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
	Microsoft Approvals	Windows 7 32 bit & 64 bit Editions
	Wile osore Approvais	Windows Server 2008 32 bit & 64 bit editions
Windows Windows		Windows Vista 32 bit & 64 bit editions
Windows*/ Server*2008 Vista*		Windows Server 2003 32 bit & 64 bit editions Windows XP 32 bit & 64 bit editions
Comoral	PCB Layers	4
General	Power Consumption	400mA @ 3.3V
ROHS CE TAA	Weight	awaiting
Compliant	Size	null
Box Content	Packaging	Installation CD including manual, Microsoft signed drivers & utilities
	Card	PCIe 1xRS232 POS 1A IDE
		No Cable; Integrated Connector
Product Support	Warranty	Lifetime (online registration required)
CENTURAL CENTURAL	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly
		staff who work in and alongside the Product Development Team
Additional	OEM option	Available for bulk buy OEM
Additional	· ·	
Elektra O5 European Electronics Industry Awards	Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
WINNER Manufacturer of the Year	Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume
Made in the UK		users. More Info: sales@brainboxes.com

Other PCI Express Cards: 1 Port RS232 | 2 Port RS232 | 4 Port RS232 | 8 Port RS232 | 1 Port RS422/485 | 2 Port RS422/485 | 4 Port RS422/485 Other Brainboxes Ranges: PCI | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial